

Please type a plus sign (+) inside this box



PTO/SB/18 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 693.007	
		First Named Inventor HIROYUKI TANAKA ET AL.	
		Title FILTER MODULE	
		Express Mail Label No. EV313039595US	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status
See 37 CFR 1.27
3. ☒ Specification [Total Pages - 21]
(preferred arrangement set forth below, MPEP 1503.01)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. ☐ Oath or Declaration [Total Pages _____]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33 (b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
(Appendix)

ADDRESS TO: MAIL STOP - PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. ☐ Computer Readable Form (CRF)
- b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (Copy from prior application)
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)-Japan 2002-295012
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i) – Applicant must attached form PTO/SB/35 or its equivalent
17. ☐ Other: _____

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

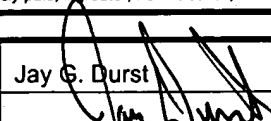
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below	
(Insert Customer No. or Attach bar code label here) <div style="border: 1px solid black; padding: 2px; display: inline-block;">23598</div>			

Name	Jay G. Durst		
Address	250 E. Wisconsin Avenue		
	Suite 1030		
City	Milwaukee	State	WI
		Zip Code	53202
Country		Telephone	(414) 225-9755
		Fax	(414) 225-9753

Name (Print/Type) Jay G. Durst	Registration No. (Attorney/Agent) 41,723
Signature	Date 10/8/03

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office; Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Design, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003		Complete if Known																																	
Patent fees are subject to annual revision.		Application Number																																	
		Filing Date																																	
		First Named Inventor	Hiroyuki Tanaka et al.																																
		Examiner Name																																	
		Group Art Unit																																	
		Attorney Docket No.	693.007																																
TOTAL AMOUNT OF PAYMENT \$ 770.00																																			
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																	
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES																																	
<input checked="" type="checkbox"/> Deposit Account		Large Entity Small Entity																																	
Deposit Account Number: 50-1170																																			
Deposit Account Name: Boyle, Fredrickson, Newholm, Stein & Gratz S.C.																																			
The Commissioner is authorized to: (check all that apply)																																			
<input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																			
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																			
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																			
FEE CALCULATION																																			
1. BASIC FILING FEE																																			
<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Fee Code Fee (\$)</td><td>Fee Code Fee (\$)</td><td></td><td></td></tr><tr><td>101 770</td><td>201 385</td><td>Utility filing fee</td><td>770</td></tr><tr><td>106 340</td><td>206 170</td><td>Design filing fee</td><td></td></tr><tr><td>107 530</td><td>207 265</td><td>Plant filing fee</td><td></td></tr><tr><td>108 770</td><td>208 385</td><td>Reissue filing fee</td><td></td></tr><tr><td>114 160</td><td>214 80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="3" style="text-align: right;">SUBTOTAL (1)</td><td>(\$770.00)</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code Fee (\$)	Fee Code Fee (\$)			101 770	201 385	Utility filing fee	770	106 340	206 170	Design filing fee		107 530	207 265	Plant filing fee		108 770	208 385	Reissue filing fee		114 160	214 80	Provisional filing fee		SUBTOTAL (1)			(\$770.00)		
Large Entity	Small Entity	Fee Description	Fee Paid																																
Fee Code Fee (\$)	Fee Code Fee (\$)																																		
101 770	201 385	Utility filing fee	770																																
106 340	206 170	Design filing fee																																	
107 530	207 265	Plant filing fee																																	
108 770	208 385	Reissue filing fee																																	
114 160	214 80	Provisional filing fee																																	
SUBTOTAL (1)			(\$770.00)																																
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																			
<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Fee Code Fee (\$)</td><td>Fee Code Fee (\$)</td><td></td><td></td></tr><tr><td>103 18</td><td>203 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102 86</td><td>202 43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104 290</td><td>204 145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109 86</td><td>209 43</td><td>**Reissue independent claims over original patent</td><td></td></tr><tr><td>110 18</td><td>210 9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="3" style="text-align: right;">SUBTOTAL (2)</td><td>(\$)-0-</td></tr></tbody></table>		Large Entity	Small Entity	Fee Description	Fee Paid	Fee Code Fee (\$)	Fee Code Fee (\$)			103 18	203 9	Claims in excess of 20		102 86	202 43	Independent claims in excess of 3		104 290	204 145	Multiple dependent claim, if not paid		109 86	209 43	**Reissue independent claims over original patent		110 18	210 9	**Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)			(\$)-0-		
Large Entity	Small Entity	Fee Description	Fee Paid																																
Fee Code Fee (\$)	Fee Code Fee (\$)																																		
103 18	203 9	Claims in excess of 20																																	
102 86	202 43	Independent claims in excess of 3																																	
104 290	204 145	Multiple dependent claim, if not paid																																	
109 86	209 43	**Reissue independent claims over original patent																																	
110 18	210 9	**Reissue claims in excess of 20 and over original patent																																	
SUBTOTAL (2)			(\$)-0-																																
Total Claims: 11 -20**= 0 x = 0																																			
Independent Claims: 2 -3**= 0 x = 0																																			
Multiple Dependent: = =																																			
		SUBTOTAL (3) \$0.00																																	
		Other fee (specify) _____																																	
		*Reduced by Basic Filing Fee Paid																																	
SUBMITTED BY		Complete (if applicable)																																	
Name (Print/Type): Jay G. Durst		Registration No. (Attorney/Agent): 41,723	Telephone: (414) 225-9755																																
Signature: 		Date: 10/8/03																																	

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant commissioner for Patents, Washington, DC 20231.



BOYLE
FREDRICKSON
NEWHOLM
STEIN & GRATZ_{SC}

SUITE 1030
250 EAST WISCONSIN AVENUE
MILWAUKEE, WI 53202
PHONE: 414.225.9755 FAX: 414.225.9753
E-MAIL: MAIL@BOYLEFRED.COM

INTELLECTUAL PROPERTY LAW

JAY G. DURST
DIRECT DIAL: 414-225-6300
JGD@BOYLEFRED.COM

October 8, 2002

EXPRESS MAIL

Mail Stop - Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Utility Patent Application Transmittal
Inventors: Hiroyuki Tanaka et al.
Title: Filter Module
Priority: Japanese Patent Appln. No. 2002-295,012, filed October 8, 2002
Our Ref.: 693.007

Dear Sir:

Enclosed is our check in the amount of \$770.00 in payment of the government filing fee for the enclosed United States patent application, which application includes 18 pages of specification, 2 pages of claims, 10 Drawing figures on 10 sheets, and an Abstract. A Certified Copy of priority application Japan Patent Application No. 2002-295012, filed October 8, 2002 is also enclosed. A Declaration and Power of Attorney and Assignment documents, along with an Information Disclosure statement will be submitted at a later date.

The Director is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1170.

Respectfully submitted,

Jay G. Durst
Registration No. 41,723

23598

Certification Under 37 CFR 1.10

Express Mail Label No:EV3130395951US

Date of Deposit: October 8, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the MAIL STOP - BOX-PATENT APPLICATION, COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

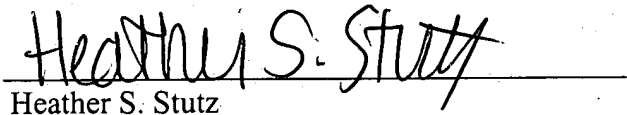

Heather S. Stutz

C rtification Under 37 CFR 1.10

Express Mail Label No: **EV313039595US**

Date of Deposit: **October 8, 2003**

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service in "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop - Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Heather S. Stutz